

SENIOR WATER TREATMENT TECHNICIAN

GENERAL DEFINITION OF WORK:

FLSA Status: Non-Exempt

Performs skilled work operating a wastewater treatment plant and monitoring well sites; does related work as required. Work is performed under minimal supervision.

ESSENTIAL FUNCTIONS/TYPICAL TASKS:

Operating a wastewater treatment plant; taking samples; performing tests; ensuring proper plant operation; ensuring quality drinking water from wells; maintaining records and files; preparing reports.

(These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.)

- Makes regular inspection of plant and equipment to ascertain that it is in proper operation at all times.
- Collects samples for testing; performs tests relating to plant operations.
- Checks all plant equipment and biological and chemical systems for proper operation and takes necessary corrective actions; makes changes in plant process as necessary to improve plant efficiency; adds chemicals.
- Reads meters, gauges and dials and keeps logs of readings.
- Operates and maintains well sites; treats and tests water.
- Performs backflow testing; maintains water softeners.
- Maintains records; prepares and submits various reports to State Health Department.
- Performs plant maintenance and housekeeping duties.
- Assists with other trades as required.
- May be required to work outside normal work hours in on-call or emergency situations.
- Troubleshoots, maintains and repairs water softening systems.
- Performs related tasks as required.

KNOWLEDGE, SKILLS AND ABILITIES:

Thorough knowledge of water and wastewater treatment plant principles and operating practices; thorough knowledge of the operating characteristics and maintenance requirements of a water and wastewater treatment plant; ability to detect flaws in the operation of equipment and to determine proper remedial measures; ability to keep records and prepare reports; ability to establish and maintain effective working relationships with associates.

EDUCATION AND EXPERIENCE:

Any combination of education and experience equivalent to graduation from high school supplemented by on-the-job and formal instruction in wastewater treatment plant operations and considerable experience in the operation of a wastewater treatment plant and considerable experience in maintaining public water systems.

PHYSICAL REQUIREMENTS:

This is heavy work requiring the exertion of 100 pounds of force occasionally, up to 50 pounds of force frequently, and up to 20 pounds of force constantly to move objects; work requires climbing, balancing, stooping, kneeling, crouching, reaching, standing, walking, pushing, pulling, lifting, fingering, grasping, and feeling; vocal communication is required for expressing or exchanging ideas by means of the spoken word; hearing is required to perceive information at normal spoken word levels; visual acuity is required for depth perception, color perception, preparing and analyzing written or computer data, visual inspection involving small defects and/or small parts, use of measuring devices, assembly or fabrication of parts at or within arms length, operation of machines, operation of motor vehicles or equipment, and determining the accuracy and thoroughness of work; the worker is subject to inside and outside environmental conditions, extreme cold, extreme heat, noise, vibration, hazards, atmospheric conditions, oils, and wearing a respirator.

The worker may be exposed to bloodborne pathogens and may be required to wear specialized personal protective equipment.

SPECIAL REQUIREMENTS:

May require possession of or ability to acquire an appropriate driver's license valid in the Commonwealth of Virginia. Possession of a minimum of a Class III Water and Class III Wastewater Treatment Operator's licenses issued by the Commonwealth of Virginia.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential tasks.